



INFORMATION DISCLOSURE STATEMENT TRANSMITTAL

To Commissioner For Patents

Enclosed herewith is a Form PTO-1449, required copies of documents listed thereon, and a concise explanation of their relevance is described below or enclosed herewith per 37 CFR 1.97.

Application Number	10/621,003
Filing Date	July 16, 2003
First Named Inventor	Wilhelmus Hendrikus Alfonsus Bruls
Group Art Unit	1104
Examiner Name	
Attorney Docket Number	NL030905

These documents may be relevant in that they have been (check one):

- considered in drafting the specification of the above referenced application;
- cited in the specification of the above-referenced application;
- previously submitted or cited in U.S. patent application(s) which are relied on for an earlier effective filing date under 35 U.S.C. 120 (no copies required);
- cited as an "X" or "Y" document in a foreign Patent Office search report in a foreign counterpart application, a copy of which report is also enclosed; or
- otherwise a concise explanation of the relevance of each document, as understood by the individual designated in §1.56(c) most knowledgeable about the contents, is append hereto.

if the date of this IDS may be after the date of a final Office Action - per §1.97(e) check one:

- I hereby certify that these documents were first cited in any communication with a foreign Patent Office for a counterpart foreign application not more than three (3) months ago; or
- I hereby certify that not one of these documents was cited in any communication with a foreign Patent Office in a counterpart foreign application, nor was any known to any individual designated in §1.56(c) more than three (3) months ago.

Please charge any required fee under § 1.17(p) or any other required fee (except the issue fee) to Account No. 14-1270.

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED

Name (Print Type)	Russell Gross	Registration No. (Attorney/Agent)	40,007
Signature		Date	11/10/03

CERTIFICATE OF MAILING OR TRANSMISSION

I hereby certify that this is being deposited with the U.S. Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents P.O. Box 1450, Alexandria, VA 22313-1450, or facsimile transmitted to the U.S. Patent and Trademark Office tel# : _____ on the date below:

Name (Print Type)	Elissa DeLucy		
Signature		Date	Nov. 20, 2003

O I P E
NOV 24 2003
P A T E N T & T R A D E M A R K O F F I C E
S C 109

Sheet ____ of

Form PTO-1449 U.S. DEPARTMENT OF COMMERCE (REV. 7-80) PATENT AND TRADEMARK OFFICE								Atty. Docket No. NL030905	Serial No. 10/621,003
								Applicant BRULS ET AL	
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)								Filing Date July 16, 2003	Group 1104

U.S. PATENT DOCUMENTS

Ex. Int.		Document Number							Date	Name	Class	Sub-class	Filing Date If Approp.
	AA	6	1	9	2	1	4	8	2/20/01	LIN	382	166	
	AB	6	3	8	5	2	4	5	5/7/02	DE HAAN ET AL	375	240	
	AC	5	2	1	2	5	4	8	5/18/93	DE HAAN ET AL	358	105	
	AD	5	1	4	8	2	6	9	9/15/92	DE HAAN ET AL	358	105	
	AE	5	0	7	2	2	9	3	10/10/91	DE HAAN ET AL	358	105	
	AF	6	5	6	7	4	6	9	5/20/03	RACKETT	375	240	

FOREIGN PATENT DOCUMENTS

		Document Number							Date	Country	Class	Sub-class	Trans.		
														Yes	No
	AG														

OTHER (Including Author, Title, Date, Pertinent Pages, Etc.)

AH	"IC for Motion-Compensated De-Interlacing, Noise Reduction, and Picture-Rate Conversion, by de Haan, Transactions on Consumer Electronics, Vol. 45, pp 617-624, Aug. 1999
AI	"A Single-Chip MPEG2 Encoder for Consumer Video Storage Applications" by Bruls et al, ICCE Digest of Technical Papers, PP 262-263, June 1997
AJ	"Television Noise Reduction IC", by de Haan et al, IEEE Transactions on Consumer Electronics, Vol. 44, pp 143-154, Feb. 1998
AK	"A Low-Complexity MPEG-2 Bit-Rate Transcoding Algorithm", by Gunnewiek et al, ICCCE Digest of Technical Papers, pp 316-317, June 2000
AL	"A Low-Cost Audio/Video Single-Chip MPEG2 Encoder for Consumer Video Storage Applications", by Bruls et al, pp 314-315, IEEE 2000
AM	"Efficient Video Coding Integrating MPEG-2 and Picture-Rate Conversion", by de Bruijn, IEEE Transactions on Consumer Electronics, Vol. 48, No. 3, pp 688-693, August 2002
AN	"An Innovative, High Quality and Search Window Independent Motion Estimation Algorithm and Architecture for MPEG-2 Encoding", by Rovati et al, IEEE Transactions on Consumer Electronics, Vo. 46, No. 3, pp 697-705, August 2000

Examiner	Date Considered
----------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP. Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.